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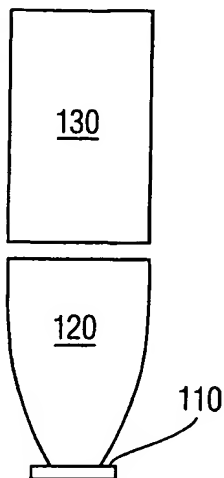
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(54) Title: APPARATUS AND METHOD FOR ILLUMINATING A ROD

100



(57) Abstract: The invention provides an apparatus that illuminates a rod (130) comprising a plurality of light emitting diode chips (110), the light emitting diode chips (110) forming at least one multi-chip package; at least one reflector (120), the reflector optically connected to the multi-chip package (110); and an output rod (130), the output rod optically connected to the reflector (120).

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